

Title (en)

SALT-BASED CORES, METHOD FOR THE PRODUCTION THEREOF AND USE THEREOF

Title (de)

KERNE AUF DER BASIS VON SALZ, VERFAHREN ZU IHRER HERSTELLUNG UND DEREN VERWENDUNG

Title (fr)

NOYAUX À BASE DE SEL, PROCÉDÉ DE FABRICATION DE CES NOYAUX ET LEUR UTILISATION

Publication

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Application

EP 10776658 A 20101105

Priority

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Abstract (en)

[origin: WO2011054920A2] Cores that are inserted into the die when die-casting workpieces from metal, in order to maintain the cavities that are intended in the workpieces when the moulds are filled with the molten metal, have to meet high requirements with regard to their dimensional stability and the ease with which they can be removed from the cavities. According to the invention, salt-based cores are therefore provided which can be produced by moulding and compacting a core material mixture, the core materials thereof being selected from at least one salt, at least one binder and optionally from auxiliaries such as additives, fillers, wetting agents and catalysts, wherein the salt, the binder and the optionally used auxiliaries of the core material mixture are inorganic and said core materials are soluble with water as a solvent.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

See references of WO 2011054920A2

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